



MONICA A-1912080@nec



0/10



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823



1489

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## 🏆 LeaderBoard & Prev Day Solution

### DAILY CHALLENGE

ProgramID- 6358



SkillRack

#### Maximum Sum Value

The program must accept an array of positive integers of size **N** as the input. The program must print the maximum sum of the increasing order of the integers in the given array as the output.

#### Boundary Condition(s):

 $3 \leq N \leq 999$ 

#### Input Format:

The first line contains the value of **N**.

The second line contains the N integers separated by space(s).

#### Output Format:

The first line contains the maximum sum of the increasing order of the integers.

#### Example Input/Output 1:

Input:

7

1 2 1 7 10 9 5

Output:

18

#### Explanation:

The increasing order of integers in the array are

1 2 (sum is 3)

1 7 10 (sum is 18)

18 is the maximum sum between the two sum values.

Hence, 18 is printed as the output.

### Example Input/Output 2:

Input:

5

1 5 6 8 9

Output:

29

**Max Execution Time Limit: 5000 millisecs**



Ambiance



Java ( 12.0)



Reset

```
1 import java.util.*;
2 public class Hello {
3
4     public static void main(String[] args) {
5         Scanner sc=new Scanner(System.in);
6         int n=sc.nextInt();
7         int[] arr=new int[n];
8         int max=0;
9         for(int i=0;i<n;i++){
10             arr[i]=sc.nextInt();
11
12         }
13         int sum=0;
14         int i=0;
15         // sum+=arr[i];
16         for( i=0;i<n-1;i++){
17
18             if(arr[i]<arr[i+1]){
19                 if(i==n-2){
20                     sum+=arr[i];
21                     sum+=arr[i+1];
22                     if(max<sum){
23                         max=sum;
24                     }
25                 }
26             }
```

```
27         sum+=arr[i];
28         //System.out.print(sum+" ");
29
30     }
31     else{
32         sum+=arr[i];
33         if(max<sum){
34             max=sum;
35         }
36         //System.out.print(sum+" ");
37         sum=0;
38     }
39
40     //System.out.print(sum+" ");
41 }
42 System.out.print(max);
43 }
44 }
```

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Code did not pass the execution

Input:

7  
1 2 1 7 10 9 5

Expected Output:

18

Your Program Output:

1 3 1 8 18 9

Save

Run



Run with a custom test case (Input/Output)

